

REMARKS

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action. All details of the reference prior arts are fully considered and compared with the present invention.

ABOUT CLAIM REJECTION OF 35USC103

Indeed the citations disclose some features of the present invention, and the applicant agrees with these viewpoints, however applicant discovers that some main features of the present invention are not disclosed in the citation which can form the novelty and inventive step of the present invention.

In the following, we add numerals to the claims of the present invention, which is helpful in the examination of the present invention.

1. An electric coffee grinder comprising:

a body 2 having a compartment 20 disposed therein and a through hole 22 disposed on a wall surface thereof;

a holding seat 3 positioned in said compartment 20 of said body 2, and having a cover plate 30 disposed at an upper end thereof and a passage 31 disposed therein;

a motor seat 4 positioned in said compartment 20 of said body 2 and below said holding seat 3, said motor seat having a passage 40 disposed therein at a position aligned with said passage of

said holding seat, a through hole 41 disposed on a wall surface thereof at a position aligned with said through hole 22 of said body 2,

a motor chamber 42 disposed therein, at least one battery chamber 43 disposed therein, a recessed chamber 46 disposed in a lower portion thereof, and a positioning seat 49 disposed at a bottom thereof, said motor chamber 42 having a motor 44 disposed therein and provided with an axle 440 extending into said recessed chamber 46 and a driving gear 47 coupled to said axle 440, said at least one battery chamber 43 each having at least one battery 45 disposed therein, said recessed chamber 43 having a reducing gear assembly disposed therein and meshed with said driving gear 47, said positioning seat 49 having a hole 490 disposed thereon for being extended through by a gear 480 of said reducing gear assembly 48, a passage 491 disposed therein at a position aligned with said passage 40 of said motor seat 4, and a button switch 492 disposed thereon, said button switch 492 having a press button 493 disposed thereon and capable of being protruded out of said through holes 41, 22 of said motor seat 4 and said body 2;

a fixing seat 5 disposed at a bottom of said compartment 20 of said body 2 and below said positioning seat 49, and having a hole 50 disposed thereon, a compartment 52 disposed therein, and an opening 51 disposed thereon at a position aligned with said passages 41, 40, 491 of said holding seat 3, said motor seat 4 as well as said positioning seat 49;

a base 6 secured below said body 2, and having a supporting recess 60 disposed thereon, a recessed chamber 61 disposed in said supporting recess, a holder 62 disposed at a bottom of said recessed chamber 61, a plurality of through holes 63 disposed at said bottom of said recessed chamber 61, a fixing disk 64 secured above said supporting recess, a grinding seat 65 secured in said fixing disk 64, a grinding member 66 received in said grinding seat, a spindle 67, a journal 68, an adjusting knob and a spring, said holder provided with a threaded hole 620 disposed thereon, said fixing disk provided with an aperture disposed thereon, said grinding seat having a plurality of internal grinding teeth 661 disposed on an inner wall surface thereof, said grinding member having a bore disposed therein and a plurality of external grinding teeth disposed on an outer wall surface thereof, said spindle 67 capable of extending through said bore 660 of said grinding member 66, said journal 68 capable of extending through said hole of said fixing seat 5 and having an upper portion provided with a driven gear 680 and a lower portion capable of being inserted by an upper end of said spindle 67, said adjusting knob 69 capable of being sleeved on by said spring 690 and screwed with said threaded hole 620 of said holder 62 ;

a feeding basket 8 capable of being assembled above said body 2 and having an opening 81 disposed at a bottom thereof;

an upper cover 9 capable of being covered on an upper end of said feeding basket 8; and,

whereby when said press button of the body is depressed by a user, said button switch will be actuated by said press button to form an open electric circuit to start said motor to rotate said reducing gear assembly to turn said journal to swivel said spindle to turn said grinding member, thereby enabling said electric coffee grinder to proceed with grinding movements, which is quick in grinding, compact in dimension and convenient in transportation for being used outside.

2. The electric coffee grinder as claimed in claim 1, wherein a receiving basket 7 is capable of being assembled below said base for being received with ground coffee powder therein.

3. The electric coffee grinder as claimed in claim 1, wherein said compartment of said body has an annular groove 21 disposed near an upper end thereof; wherein said holding seat has a flanged ring 32 disposed near an upper end of an outer wall surface thereof for being engaged in said annular groove of said compartment of said body.

4. The electric coffee grinder as claimed in claim 1, wherein said receiving basket has an engagement edge 70 protruded upwardly at an upper end thereof for being engaged with a lower end of said base.

5. The electric coffee grinder as claimed in claim 1, wherein said receiving basket has an engagement edge 70 protruded upwardly at an upper end thereof for being covered by said upper cover.

6. The electric coffee grinder as claimed in claim 1, wherein said body and said base are capable of being welded together by an ultrasonic welding way.

(A) DISCUSSION ABOUT THE NOVELTY OF THE PRESENT INVENTION

5 There are three citations being cited in the office action, which are Admitted prior art (APA) cited in the specification of the present invention, the USP 6377022 and German 26,46,935.

(1) For the rejection by APA

10 However the APA discloses that "a base 10, a container body 11 disposed in the base 10, and a grinding device 12 assembled above the base 10. The grinding device 12 has a fixing seat 13, a spindle 14 and a cover 122. The fixing seat 13 is disposed at a lower portion of the grinding device 12 for being connected with the base 10. The spindle 14 has an
15 upper end connected with a crank handle 15 and a lower end combined with a grinding member 120 and a grinding seat 121 for grinding coffee beans. The cover 122 is provided with an opening 16 attached with a sliding plate 17." See Fig. 1 of the present invention.

20 In fact, even in the present invention, the motor 44 and the battery 45 and other related structures are taken away. The other portion of the present invention is completely different from the APA. The present invention has elements which are arranged corresponding to the spindle 14, crank handle 15 of the present invention.

25 The APA in Fig. 1 of the present invention has no most element of the present invention. Such as the structures at the lower parts of the present invention, see Fig. 4. For example elements, 5, 52, 50, . . . , 6, 61, 661, . . . etc.

(2) For the rejection by USP 6377022,

The citation '022 has disclosed a motor and a battery which are used as a power source of a grinding device.

However as we compare the citation '022 with the present invention, it can found that the driving structures such as the gears 47, 48, and 680
5 are not illustrated in the citation.

Furthermore, in the present invention, the grinding elements, such as grinding elements 65, 650, 661, etc. are located below the motor 44 and battery 45, but in the citation '022, see Fig. 3 of the present invention, the batter 5 and battery 15 are below the grinding elements. The structural
10 arrangements of the present invention and the citation '022 are different.

Furthermore, the supporting frame structure, such as the body 2, the holding seat 3, the motor seat 4, the fixing seat 5, the base 6, the receiving basket 7, the feeding basket 8, the cover 9 are not seen in the citation '935.

15 (3) For the rejection by German 26,46,935,

The citation '935 discloses a grinding device with power supply, such as battery. However, the citation '935 disclose no detail structure of the device and thus most of the structures of the present invention are not disclosed by the citation.

20 For example, in the present invention, the driving structures such as the gears 47, 48, and 680 are not illustrated in the citation '956. Furthermore, in the present invention, grinding elements 65, 650, 661, etc. are located below the motor 44 and battery 45, but no anything about this is disclosed by the '935.

25 Furthermore, the supporting frame structure, such as the the body 2, the holding seat 3, the motor seat 4, the fixing scat 5, the base 6, the receeiving basket 7, the fcedding basket 8, the cover 9 arc not seen in the citation '935.

(B) For the combinations of the citations

From above discussion, it is known that the combination of all the citations cannot have the feature of:

5 (i) The driving structures such as the gears 47, 48, and 680 are not illustrated in the citation '956.

(ii) The grinding elements 65, 650, 661, etc. are located below the motor 44 and battery 45, but no anything about this is disclosed by the '935.

10 (ii) The body 2, the holding seat 3, the motor seat 4, the fixing seat 5, the base 6, the receiving basket 7, the feeding basket 8, the cover 9 are not seen in the citation '935.

Although other features can be seen in the other citations, from the office action, it is known that the present invention combines the features
15 in various citation so as to form a powerful combining device, which cannot be achieved by any of the citations. Although the citations USP USP 6377022 and German 26,46,935 has similar usage as the present invention, but they cannot achieve the same effect of the present invention. The present invention combine many features so as to provide a power
20 device. This make the present invention being novel.

(C) RESULT

Since in above discussion, it is apparent that no prior art has the features of the present invention, especially in claim 1. Furthermore, as
25 we know that no other prior art has features of the present invention. Thus, the present invention is novel and inventive.

If there is any error in the specification, or claims, applicant requests and authorizes Examiner to amend the claims, specification and drawings of the present invention so that they can match the requirement of U. S. Patent. Attentions of Examiner to this matter
5 are greatly appreciated.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.

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